This book contains many important safety messages.
Always read and obey all safety messages.
Installer:Leave these instructions with the range
Important - Save the installation instructions for the local electrical inspector's use.

La Cornue 1908

CornuFé®

www.la-cornue.com

CornuFé 44 Dual Fuel Range

Service Instructions

F107150-01

WARNING

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other range.

WHAT TO DO IF YOU SMELL GAS

Do not try to light any range.

Do not touch any electrical switch

Do not use any phone in your building.

Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.

If you cannot reach your gas supplier, call the fire department.

Installation and service must be performed by a qualified installer, service agency or the gas supplier.

WARNING

The anti-tip device supplied with this range must be correctly fitted when the range is installed. This will reduce risk of tipping of the range from abnormal usage or by excessive loading of the oven door

⚠ WARNING

- ALL RANGES CAN TIP
- INJURY TO PERSONS COULD RESULT
- INSTALL ANTI-TIP BRACKET PACKED WITH RANGE
- SEE INSTALLATION INSTRUCTIONS

Sections

Diagnostics 5

Servicing Section 12

Schematic diagram of the Range 31

Technical Data 32

SERVICING - WARNING - WORK SAFELY

Where necessary disconnect from electricity and gas before starting.
Check range is safe when you have finished.

Servicing Notes

When servicing or replacing gas carrying components disconnect from gas before commencing operation and check range is gas sound after completion. When checking for gas leaks use a liquid leak detector at all joints and connections to check for leaks in the system. Use a product specifically manufactured for leak detection. Leak testing of the range shall be conducted in accordance to the manufacturer's instructions.

CAUTION: DO NOT USE A FLAME TO CHECK FOR GAS LEAKS.

When using test pressures greater than ½ psig (3.5kPa) to pressure test the gas supply system of the residence, disconnect the range and individual shut-off valve from the gas supply piping. When using test pressures of ½ psig (3.5kPa) or less to test the gas supply system, simply isolate the range from the gas supply system by closing the individual shut-off valve.

Do not use re-conditioned or unauthorized gas controls.

Disconnect from electricity supply before commencing servicing, particularly before removing any of the following: control panel, side panels, cooktop tray, or any of the electrical components or cover boxes. Before electrical reconnection make sure the range is electrically safe.

Note – If not specifically stated, references to left hand and right hand oven are as viewed from the front of the range.

Diagnostics

Checking the Multifunction Oven 6

Checking the Convection Oven 8

Checking the Cooktop 10

Checking the Multifunction Oven

Check	Result	Possible Cause
Open the oven door and turn on the oven light	Light does not work	Light bulb failed (most likely cause) No power to range Fault in power supply to switch Faulty switch

Action

Remove the light bulb (see 'Servicing Procedures'). Check the bulb resistance with a meter and replace it if necessary.

If the bulb is OK then move the range forward (see 'Servicing Procedures') and remove the rear cover.

With the meter check the continuity of the wiring to the bulb and the action of the switch. Replace wiring or switch as necessary.

Check	Result	Possible Cause
Turn the function control to the Defrost setting and check that the oven fan starts to spin.	Fan does not spin	Fault in power supply to switch Faulty switch Fault in power supply to fan Fan motor faulty Fan blades impeded

Action

Remove the oven inner back and check that the fan is not impeded.

If not then move the range forward (see 'Servicing Procedures') and remove the rear cover.

With the meter check the continuity of the wiring to the fan and the action of the switch. Replace wiring, switch or fan as necessary.

Check	Result	Possible Cause
Remove the oven racks. Turn the oven temperature control to 400F and turn the function control to each setting in turn and check that the elements start to heat up. See the chart opposite. You should be able to feel the heat from the element after few moments by holding your hand close to the element (DON'T TOUCH THE ELEMENTS!). The bottom element may take slightly longer to heat up. Turn the controls off when you have finished.	One element does not heat up.	Burnt out element (most likely cause) Faulty switch Fault in power supply to element
	No element heats up	Faulty oven thermostat.(most likely cause) Faulty switch Fault in power supply to elements

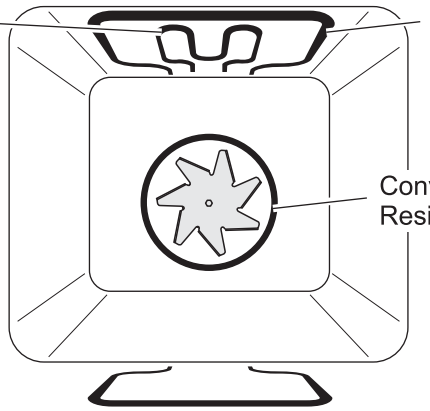
Action

One element not working	No element working
Remove the element and check it with a meter. Replace with a new element if necessary. If the element is OK then move the range forward and check the continuity of the wiring and the function switch	Remove the range cooktop and check the thermostat and fuction switch

Checking the Multifunction Oven

Inner 'Browning' element - 1150W
Resistance cold= 50±5 Ω

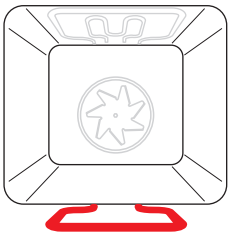
Outer element - 1200W
Resistance cold 48±5 Ω



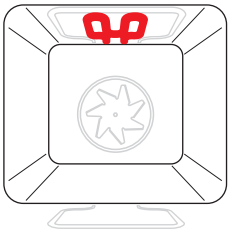
Convection element 2500W
Resistance cold= 18±2 Ω

Base heat element - 1000W Resistance cold= 56±5 Ω

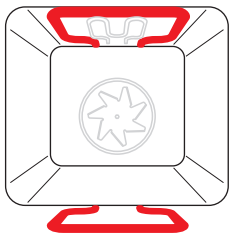
Base heat
Base element only.

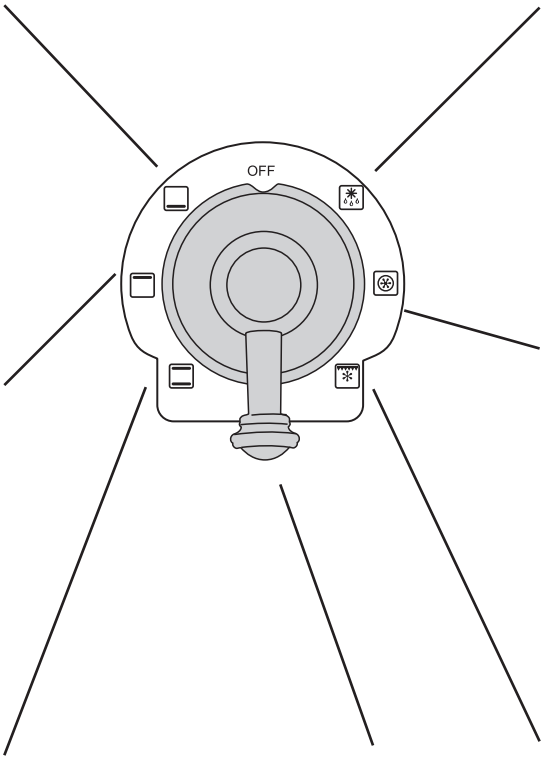


Browning element
Inner element in the top of the oven only.

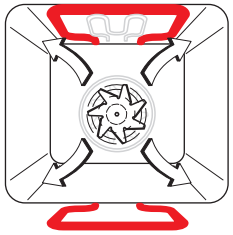


Conventional oven
Outer top element and the base element - no fan.

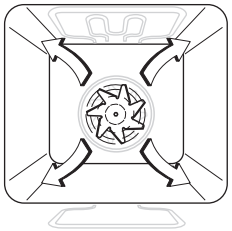




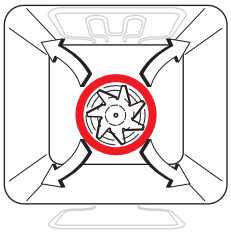
Fan assisted oven
Fan plus outer element at the top and the base element.



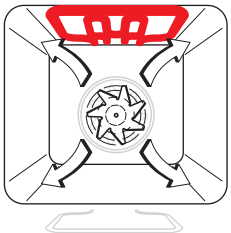
Defrost
Fan only. No heat is applied.



Convection oven
Fan and the heating element around it.



Convection broiling
Fan plus both the top elements.



Checking the Convection Oven

Check	Result	Possible Cause
Open the oven door and turn on the oven light	Light does not work	Light bulb failed (most likely cause) No power to range Fault in power supply to switch Faulty switch

Action

Remove the light bulb (see 'Servicing Procedures'). Check the bulb resistance with a meter and replace it if necessary.

If the bulb is OK then move the range forward (see 'Servicing Procedures') and remove the rear cover.

With the meter check the continuity of the wiring to the bulb and the action of the switch. Replace wiring or switch as necessary.

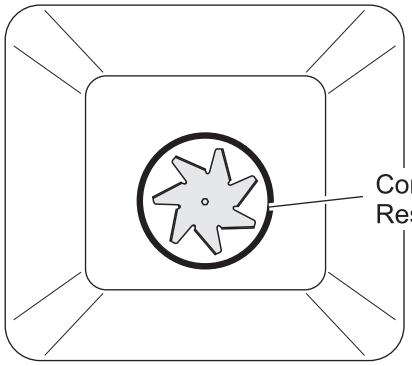
Check	Result	Possible Cause
Remove the oven racks. Turn the oven temperature control to 400F and check that the element start to heat up. You should be able to feel the heat from the element after few moments by holding your hand close to the openings at the top or bottom of the oven inner back. (DON'T TOUCH THE ELEMENT!). Turn the controls off when you have finished.	The element does not heat up.	Burnt out element (most likely cause) Faulty switch Fault in power supply to element

Action

Remove the element and check it with a meter. Replace with a new element if necessary.

If the element is OK then move the range forward and check the continuity of the wiring and the thermostat.

Checking the Convection Oven



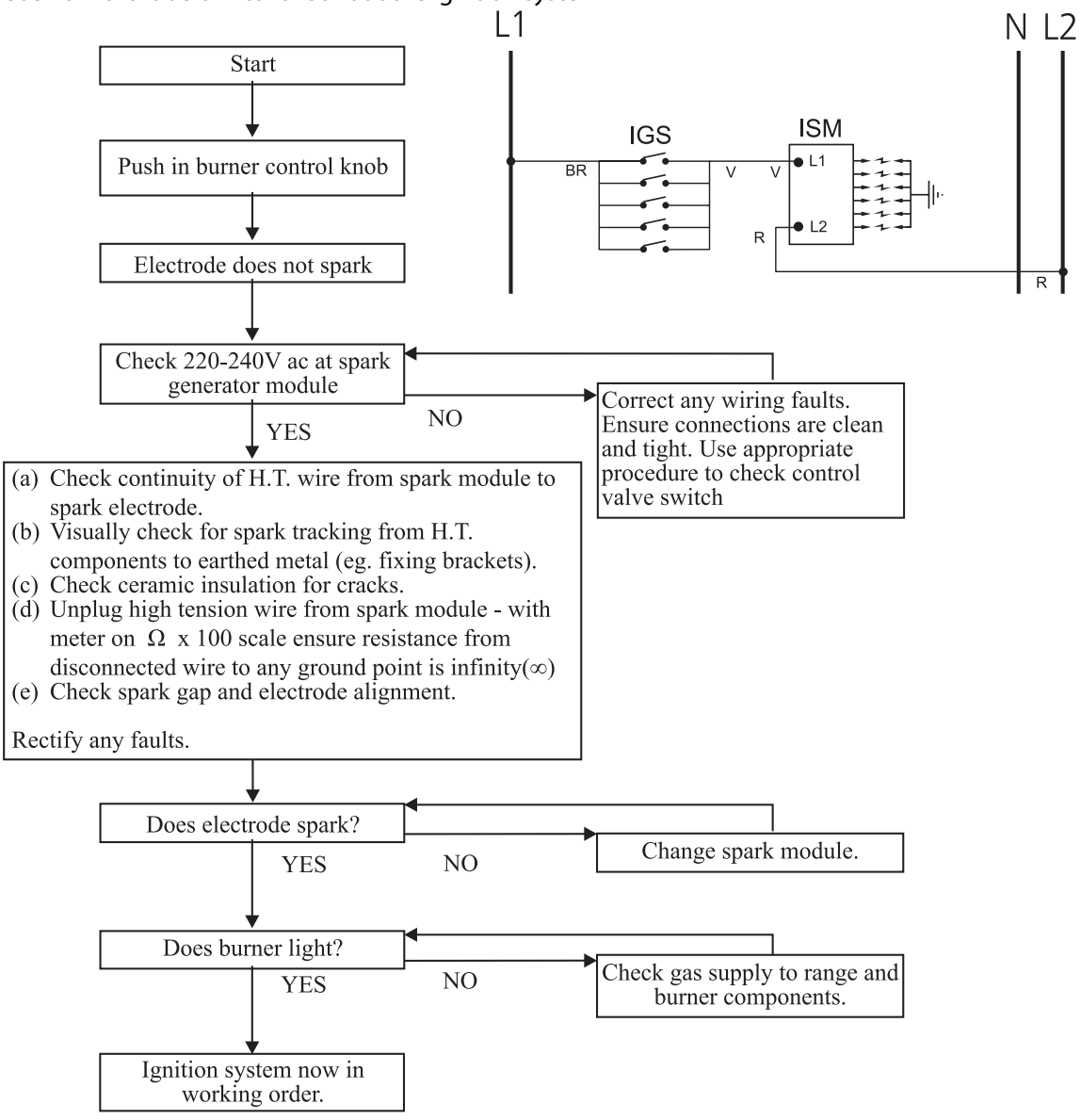
Checking the Cooktop

Range Maintop

Ignition

The maintop burners have spark ignition operated by a switch on each control valve. When any burner control knob is pressed in the spark generator module produces sparks at all the burners ignition electrodes.

Problem	Check
The ignition system makes sparks but does not light the gas	Try lighting the burner with a match. Are the flames even around the head with a blueish color? Check the burner head is clean and the flame ports are clear. Check that the burner head is sitting down correctly on the burner base. What gas is being used? The range is supplied set for Natural Gas. It must be converted before it can be used on LP gas.
The ignition system does not make sparks.	Use flow chart below to check out the ignition system


L1
N
L2
IGS
ISM
BR
V
V
L1
L2
R
R
Start
Push in burner control knob
Electrode does not spark
Check 220-240V ac at spark generator module
NO
Correct any wiring faults. Ensure connections are clean and tight. Use appropriate procedure to check control valve switch
YES
(a) Check continuity of H.T. wire from spark module to spark electrode.
(b) Visually check for spark tracking from H.T. components to earthed metal (eg. fixing brackets).
(c) Check ceramic insulation for cracks.
(d) Unplug high tension wire from spark module - with meter on Ω x 100 scale ensure resistance from disconnected wire to any ground point is infinity(∞)
(e) Check spark gap and electrode alignment.
Rectify any faults.
Does electrode spark?
YES
NO
Change spark module.
Does burner light?
YES
NO
Check gas supply to range and burner components.
Ignition system now in working order.

Checking the Cooktop

Problem	Check
The burner lights but the flame goes out when the control knob is released	Each burner gas control valve includes a thermoelectric solenoid flame safety valve (FSD) that is normally closed. There is a sensor probe mounted on each burner. To light a burner the user must push in the control knob and turn to the full on position. Pushing in the knob overrides the safety valve and allows gas to flow to the burner while the knob is pushed in. The spark ignition lights the burner and the flame heats the sensor probe. When it gets hot enough the sensor produces a very low voltage electric current that keeps the safety valve open when the control knob is released. Try holding the knob in for longer. The FSD should hold in after a few seconds, if it does not hold in after 10 seconds the sensor may not be getting hot enough because there is problem with the burner head or the sensor position is incorrect. Check the burner head is clean and the flame ports are clear. Check that the burner head is sitting down correctly on the burner base If this does not solve the problem try changing the sensor probe
The burner flame goes out when the control is turned to low.	Check that the burner control valve is fitted with the correct bypass screw. See the 'Technical Data' section at the end of this book. Try changing the bypass screw for a new one.
The burner flames are very yellow	What gas is being used? The range is supplied set for Natural Gas. It must be converted before it can be used on LP gas.
The burner flames are very small and blue.	What gas is being used? The range is supplied set for Natural Gas. If it has been converted for use on LP gas it must be reconverted by changing the burner orifices and control valve bypass screws before it can be used on Natural Gas
The pattern of flames on the burner is not even	Check the burner head is clean and the flame ports are clear. Check that the burner head is sitting down correctly on the burner base

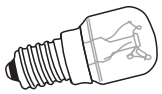
Servicing Section

1	How to change an oven light bulb	13
2	How To Move the Range for Servicing	13
3	To Remove the Cooktop	15
4	To Remove the Control Panel	16
5	To Remove an Outer Side Panel	16
6	To Remove an Oven Neon	16
7	To Change Oven Light Switch	17
8.	To Remove a Thermostat	17
9	To Change a Multifunction oven function switch	18
10	To Remove an Oven element Thermal Cut-Out.	18
11	To Remove a Cooktop Valve	19
12	To change a Cooktop burner FSD	19
13	To Change an Ignition Switch	20
14	To Remove a Cooktop Burner Orifice	20
15	To Remove a Cooktop Burner Spark Electrode	21
16	To Remove a Cooktop Burner Body	21
17	To Adjust the Oven Door Angle	22
18	To Change the Oven Outer Door Panel or Door Trim Parts	23
19	To Remove an Oven Door	24
20	To Replace a Door Inner Panel	24
21	To Remove the Door Latch	25
22	To Remove the Oven Door Seal	25
23	To Adjust the Oven Door Catch Keeper	25
24	To Remove the Cooktop Spark Generator	26
25	To Remove the Cooktop Electrode Leads	26
26	To Remove Oven Inner Back	26
27	To Replace an Oven Fan	27
28	To Remove an Oven fan Element	27
29	To Remove the Left Hand Multifunction Oven Bottom and Top Elements	28
30	To change the Cooling fan	29

SERVICING - WARNING - WORK SAFELY

Where necessary disconnect from electricity and gas before starting.
Check range is safe when you have finished.

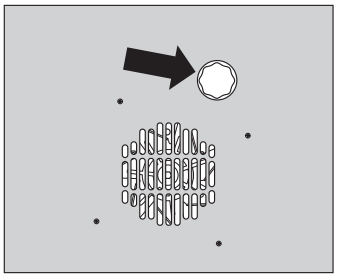
1 How to change an oven light bulb

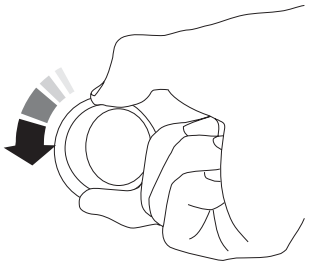


Replacement bulb must be 15w 125-130v lamp, FOR OVENS, heat resistant to 300°C (570°F).

Turn off the power at the circuit breaker

Make sure the oven is cool. Open the oven door and remove the oven racks.





Unscrew the bulb cover by turning counter clockwise. It may be very stiff.

Taking care to protect your fingers in case the bulb should shatter, unscrew the old bulb.

Screw in the new bulb, screw back the bulb cover. Turn on the circuit breaker and check that the bulb now lights.

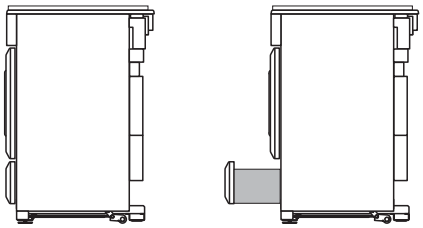
2 How To Move the Range for Servicing

Follow these procedures to move the range for servicing:

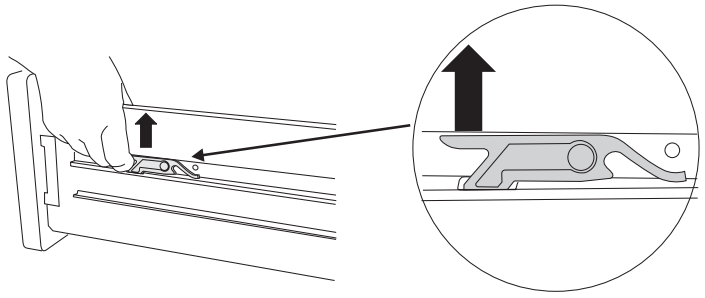
Shut off the gas supply and disconnect electrical supply to appliance. Disconnect gas supply tubing to appliance and unplug the electrical supply cord.

NOTE: A qualified person should disconnect and reconnect the gas supply.

The range is very heavy. Take great care. We recommend two people manoeuvre the range. Ensure that the floor covering is firmly attached, or removed to prevent it being disturbed when moving the range around. You will need the leveling tool.

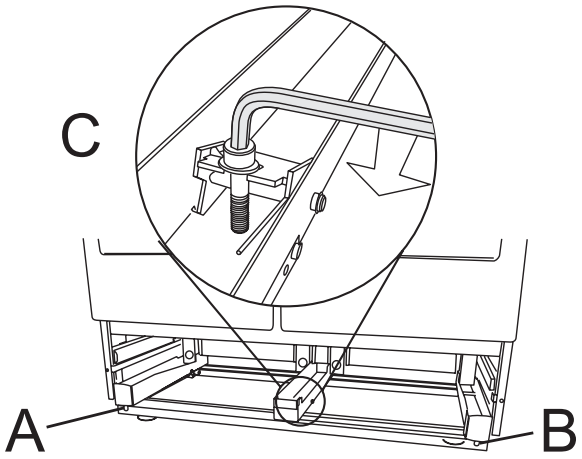


Pull the drawer out to its furthest point and empty it.



Lift up the ends of the plastic clips (one each side) to release the catches holding the drawer to the side runners and at the same time pull the drawer forward and away from the side runners.

For safety's sake push the drawer runners back out of the way. Put the drawer somewhere safe - do not refit it until you have finished, you will need access to the area behind the drawer.



A left rear roller, B right rear roller, C center roller

Fit the Allen key tool to the center roller lowering mechanism (C in the fig.).

Lower the front roller by turning the Allen key clockwise until the front feet are just clear of the floor.

Open both oven doors and with your hands griping under the control panel slide, the range forward to disengage from the anti-tip bracket. **Do not pull the range by the handrail.**

Reverse procedure to reinstall. If gas line has been disconnected, check for gas leaks after re-connection.

NOTE: A qualified person should disconnect and reconnect the gas supply.

The service engineer MUST follow installation instructions provided with the gas appliance connector and the warning label attached to the connector.

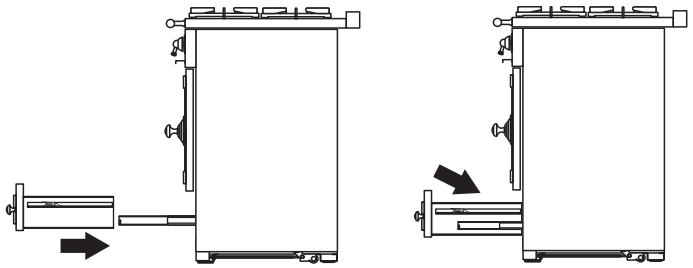
CAUTION: DO NOT USE A FLAME TO CHECK FOR GAS LEAKS.

When using test pressures greater than ½ psig (3.5kPa) to pressure test the gas supply system of the residence, disconnect the range and individual shut-off valve from the gas supply piping. When using test pressures of ½ psig (3.5kPa) or less to test the gas supply system, simply isolate the range from the gas supply system by closing the individual shut-off valve.

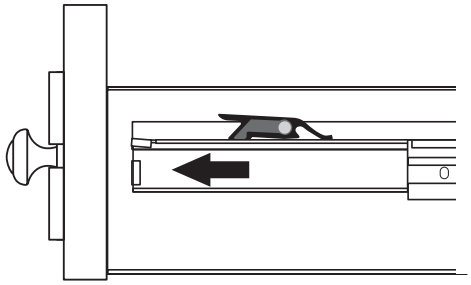
If the range is removed for any reason, make sure the anti-tip device is re-engaged properly when the range is replaced. Failure to take this precaution could result in tipping of the range and cause injury.

Replace the storage drawer

To replace the drawer in the range, pull the side rails fully out.



Carefully move the drawer back between the rails and rest it on the side rails.

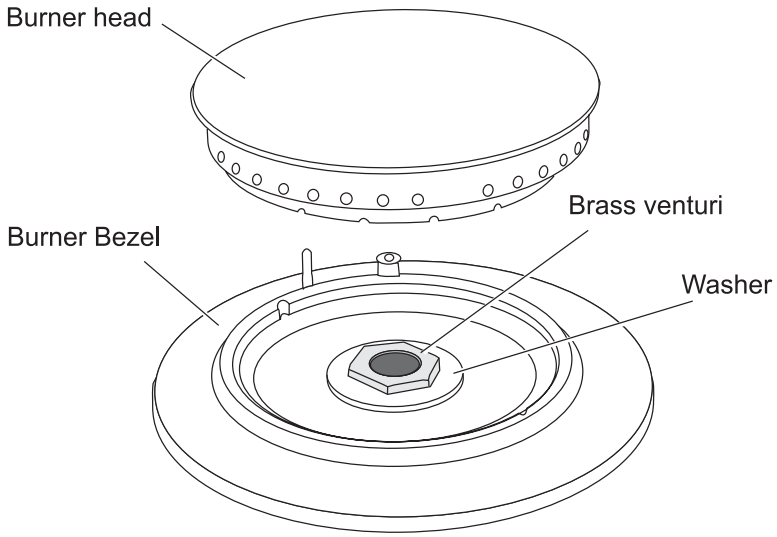


At each side hold the front of the drawer and pull the side rail forward so that the clips click into position holding the drawer to the side rails.

3 To Remove the Cooktop

Move the range away from the wall - see 'How To Move the Range for Servicing'.

Remove cooktop grates and burner heads.

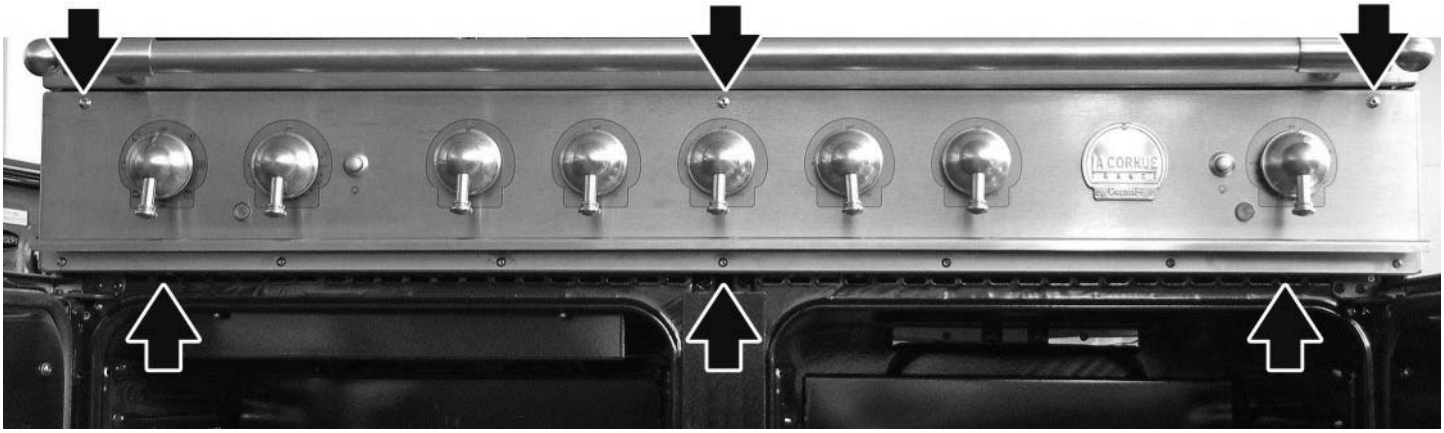


Undo the large brass nuts and remove the brass venturis and washers.

Lift up the front of the cooktop top and prop it up. Disconnect the ignition leads from the electrodes and remove the burner bezels. Lift the cooktop clear of the range.

Replace in reverse order.

4 To Remove the Control Panel



Remove all the control knobs. Open both oven doors. Remove 3 fixings on the top front and 3 fixings on the control panel underside. Pull the control panel forward. It may be difficult to move the control panel because it is held by the cooktop. If so loosen the cooktop by removing the cooktop grates and burner heads and slacken the brass venturi at the centre of each burner.

Remove the connections from the rear of the neons and light switches. Disconnect the earth lead and lift the panel clear of the range.

Replace all parts in reverse order.

When replacing any electrical connections refer to the wiring diagram.

5 To Remove an Outer Side Panel

Move the range away from the wall - see 'How To Move the Range for Servicing'.

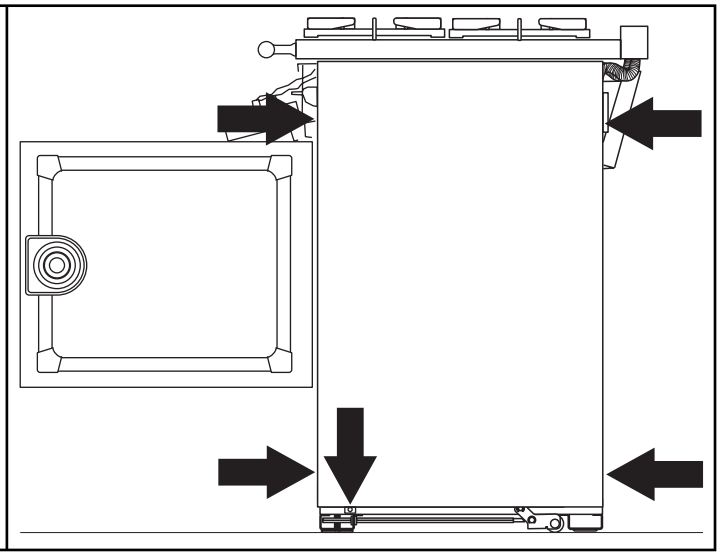
Remove the control panel – see 2.

Remove the plinth, 3 screws.

If a side extension is fitted it must be removed before the side panel can be unscrewed.

Undo the lower retaining screw situated below the edge at the panel front corner.

Remove the 2 front side panel retaining screws and the 2 on the rear of the side panel. Remove the panel by pulling it away from the range.

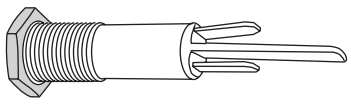


6 To Remove an Oven Neon

Remove the control panel – see 2.

Remove the relevant neon connections and undo the nut which secures the neon to the control panel.

Replace parts in reverse order. Ensure the replacement neon functions correctly.



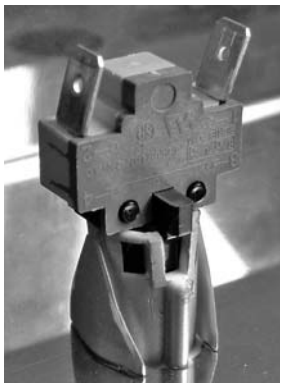
7 To Change Oven Light Switch

Remove control panel (see 2).

NB The old switch may be destroyed during removal.

Remove switch button and old switch from its bezel by gripping the switch body behind the control panel and twisting sharply. The switch bezel can then be removed by folding back its locking wings and pushing forward. Fit the new bezel to the control panel by first lining up the raised key on its body with the cutout in the control panel and pushing it in from the front. Assemble the new switch to the bezel by lining up the key sections and pushing home. Fit the new button by pushing in from the front.

Replace control panel in reverse order and test for correct operation.



8. To Remove a Thermostat

Remove the cooktop - see 1.

Remove the control panel - see 2

Remove the oven shelves.

Undo the range rear cover screws and lift covers clear.

Right Hand oven

From inside the oven remove the two fixings that secure the thermostat phial cover. Unclip the thermostat phial from the clips in the oven back panel.

Feed the thermostat capillary out of and clear of the oven noting the routing.

Disconnect the wires from the thermostat.

The thermostat is clipped onto the front switch. Pull the thermostat away from the front switch.

Fit the replacement and re-assemble in reverse order.

Ensure that the phial is clipped to the oven rear, positioned centrally between the clips.

Check that the thermostat functions correctly.

Left Hand Multifunction oven

From inside the oven remove the two screws holding the thermostat phial to the oven fan cover at the rear of the oven.

Feed the thermostat capillary out of and clear of the oven noting the routing.

Disconnect the wires from the thermostat and undo the two fixings which secure the control to the mounting plate.

Fit the replacement and re-assemble in reverse order.

Ensure that the phial is clipped to the oven rear, positioned centrally between the clips.

Check that the thermostat functions correctly

9 To Change a Multifunction oven function switch

Move the range away from the wall - see 'How To Move the Range for Servicing'.

Remove the cooktop grates, cooktop accessories and burner heads. Undo the large brass nuts and remove the brass venturis and washers. Lift up the front of the cooktop top and prop it up.

Remove the control panel see section 2.

Remove the fixing screws from the front of the Multifunction oven function switch, disconnect the leads and remove the switch. Fit the new switch.

Reassemble in reverse order and check that the oven operates correctly.

10 To Remove an Oven element Thermal Cut-Out.

Note

There is one thermal cutout on the fan oven, 2 on the Multifunction oven.

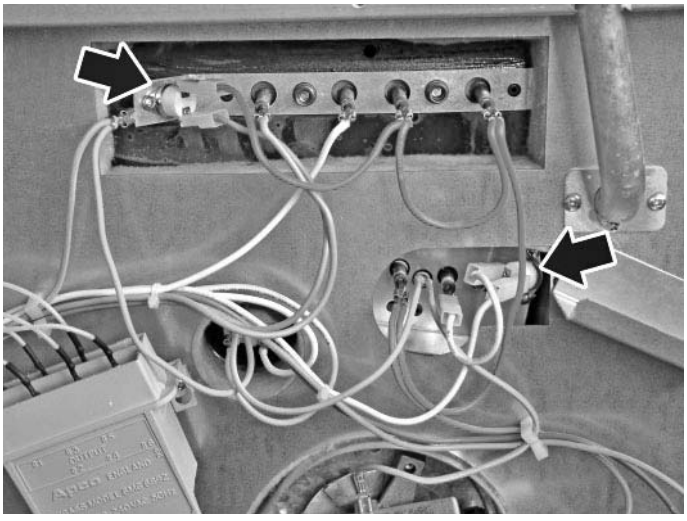
Pull the range forward to gain access rear, see the section 'How To Move the Range for Servicing'.

Undo the rear cover screws and lift cover clear.

There is one thermal cutout on the fan oven and 2 on the Multifunction oven.

The cutouts are located on the earth plates beside the oven element connections. Disconnect the cutout wiring. Undo the fixings that secure the cutout to the earth plate and remove.

Fit replacement control and re-assemble in reverse order.

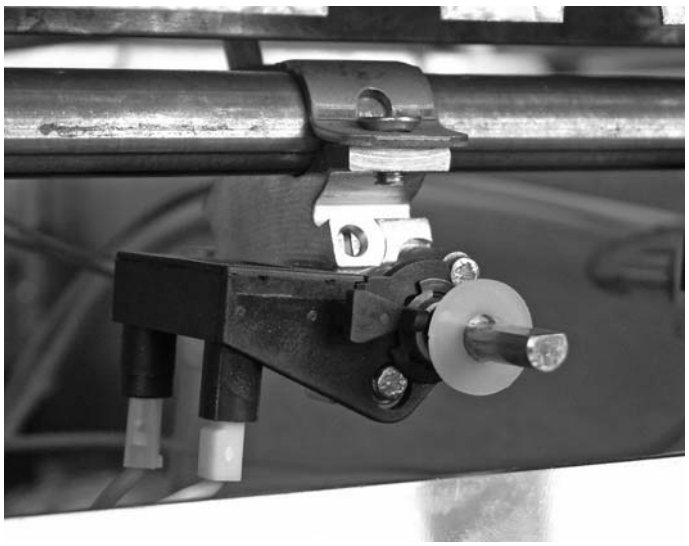


Back of Multifunction oven

11 To Remove a Cooktop Valve

Remove the cooktop and control panel, see 1 and 2.

Unplug the FSD lead from the rear of the valve. Undo compression fitting at the rear of the valve. Remove the fixings that secure the valve to the gas rail.



Disconnect the ignition switch wiring.

Remove the valve. Remove and discard the gasket seal. Fit new gasket seal to replacement valve.

Re-assemble in reverse order. Check the range is gas sound. Check cooktop ignition.

12 To change a Cooktop burner FSD

Move the range away from the wall - see 'How To Move the Range for Servicing'.

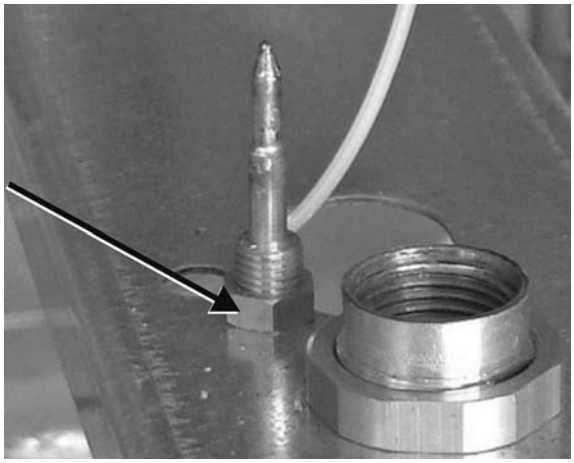
Remove the cooktop grates, cooktop accessories and burner heads. Undo the large brass nuts and remove the brass venturis and washers. Lift up the front of the cooktop top and prop it up.

Unplug the hotplate FSD from the back of the burner control valve.

Remove the nut holding the nut holding FSD probe to the burner mounting cross member.

Fit the new FSD probe, plug into the back of the control valve

Reassemble in reverse order and check for correct burner operation.



13 To Change an Ignition Switch

Change the gas valve as detailed in Section 9.

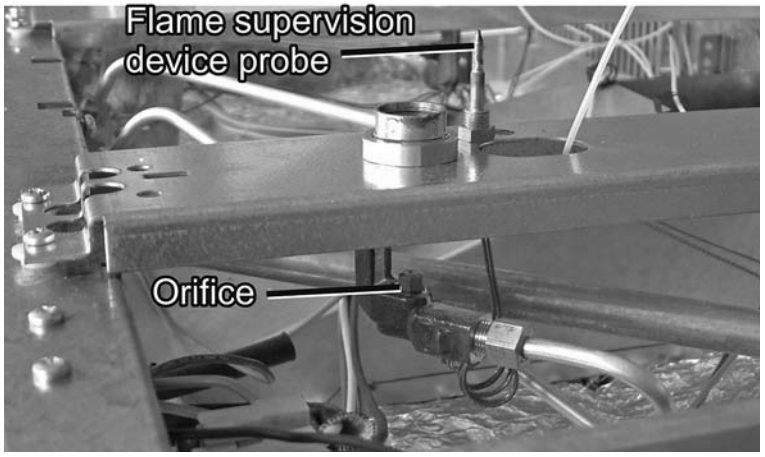
14 To Remove a Cooktop Burner Orifice

Remove the cooktop grate and burner head. Undo the large brass nut and remove the brass venturi.

The orifice is now accessible using a long box spanner.

Alternatively, remove the cooktop as detailed in Section 1. Remove the orifice directly from the burner body. Fit the appropriate orifice.

Re-assemble in reverse order. Check the range is gas sound.



15 To Remove a Cooktop Burner Spark Electrode

Remove the cooktop grate and burner head. Undo the large brass nut and remove the brass venturi.

Lift up the burner bezel. The spark ignition wire will be pulled through the electrode clearance hole. Disconnect the spark electrode from the ignition wire.

Note

Take care to prevent the ignition wire from falling back through the clearance hole.

Undo the spark electrode from the bezel by removing the spring clip and spring. Fit the replacement electrode to the burner bezel. Ensure that the spring and clip are properly located. Replace in reverse order and check correct burner ignition.

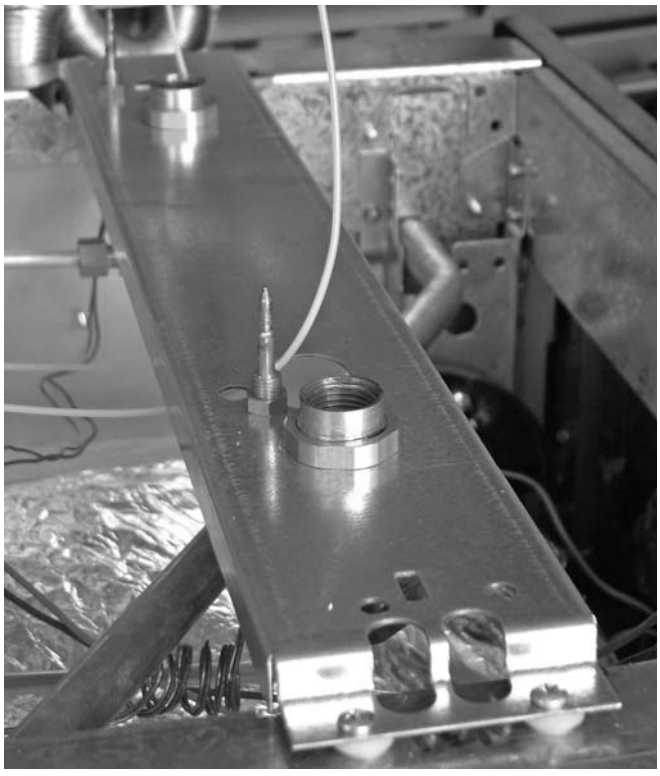
16 To Remove a Cooktop Burner Body

Remove the cooktop grates, cooktop accessories and burner heads. Remove the cooktop as detailed in Section 1.

Remove the nut that secures the burner body to the support channel. Remove the fixings that secure the support channel to the chassis. Lift the channel clear of the range.

Undo the compression fitting which connects the burner body to the gas pipe. Remove the burner body from the range. Remove the orifice for the old burner and fit it to the new burner body.

Replace in reverse order. Check the range is gas sound and that the burner operates satisfactorily.

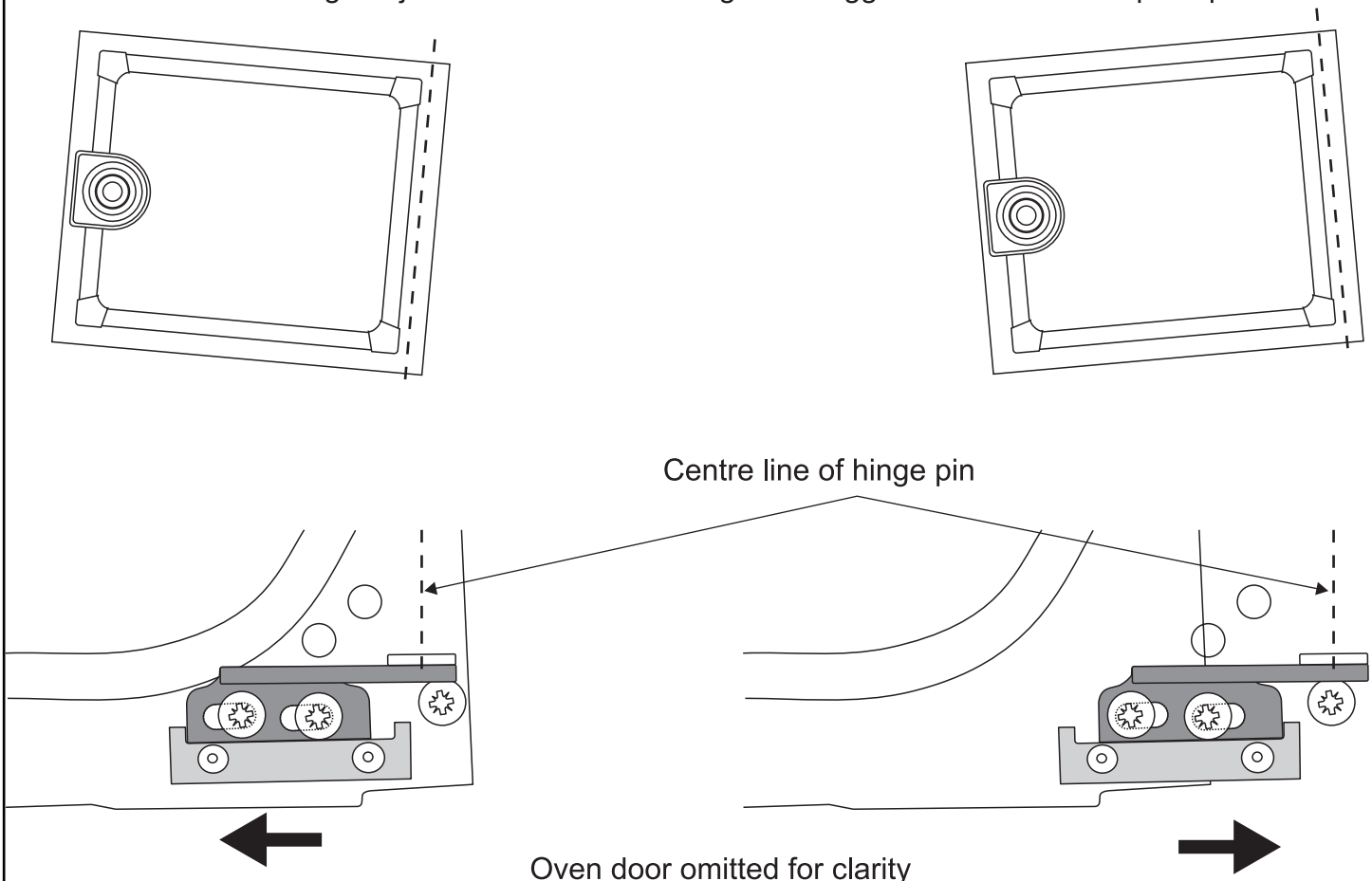


17 To Adjust the Oven Door Angle

The oven doors are very heavy. Transit of the range can cause the oven doors to move so that they are not correctly aligned.

Both oven doors are fitted with adjustable door bottom hinges. The hinges can be adjusted to alter the angle of the door.

Effect of hinge adjustment on the door angle - exaggerated to show the principle



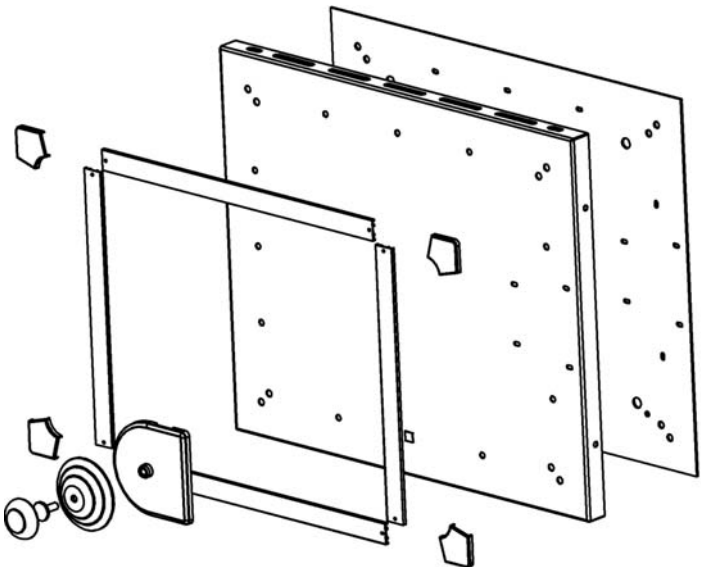
Loosen the bottom hinge fixing screws and use the notch and a flat bladed screwdriver to move the position of the hinge to set the hinge position.

Retighten the hinge screws to hold the door in position.

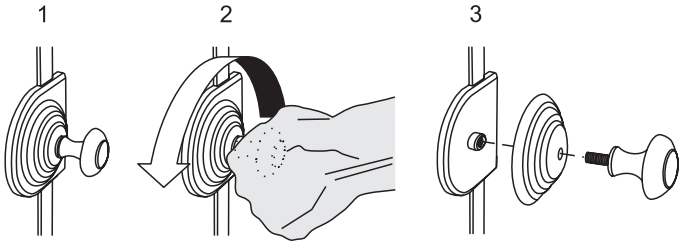
18 To Change the Oven Outer Door Panel or Door Trim Parts

The door outer panel and all the trim parts are available as separate parts so that individual parts can be changed.

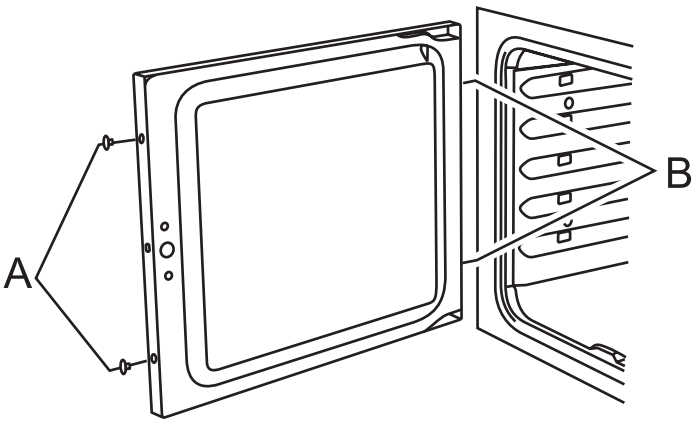
Door is very heavy - take care.



Unscrew the door handle and remove the handle and door trim handle disk..



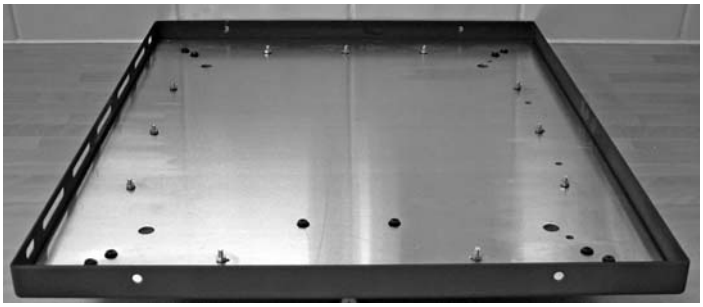
Open the oven door. Remove the hexagon headed screws 'A' and 'B' (two each side) from the door. Carefully lift of the door outer.



Place the outer panel on a clean flat surface.

As can be seen in the photograph the door trim handle plate is held in place by screws on the inside. Studs and nuts hold the other trims.

Replace the damaged parts and re-assemble in reverse order.



19 To Remove an Oven Door

Door is very heavy - take care.

Open the oven door. Loosen the two top hinge screws.

Support the weight of the door and remove the screw nearest the hinge pin. Swing the hinge up and away from the hinge pin on the door.

Lift the door away from the bottom hinge.

Re-assemble in reverse order.

When replacing the door ensure that the nylon hinge bush is in position between the hinge pin and the hinge bracket at the both the bottom and top.

20 To Replace a Door Inner Panel

The door inner panel is supplied fully assembled.

Remove the door – see Section 19.

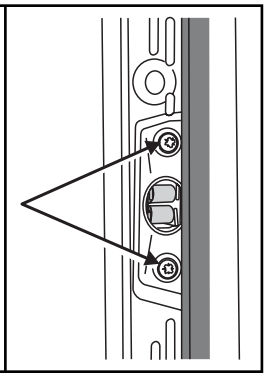
Carefully place the door, outer side up, on a clean level surface. Remove the hexagon headed screws, two each side, from the door edges. Carefully lift off the door outer panel. Fit the door front to the new inner panel and reassemble in reverse order

21 To Remove the Door Latch

Remove the oven outer door panel as detailed in Section 18.

Remove the fixings that secure the latch assembly to the inner door panel. Fit the replacement catch and re-assemble in reverse order.

Check correct operation of door.

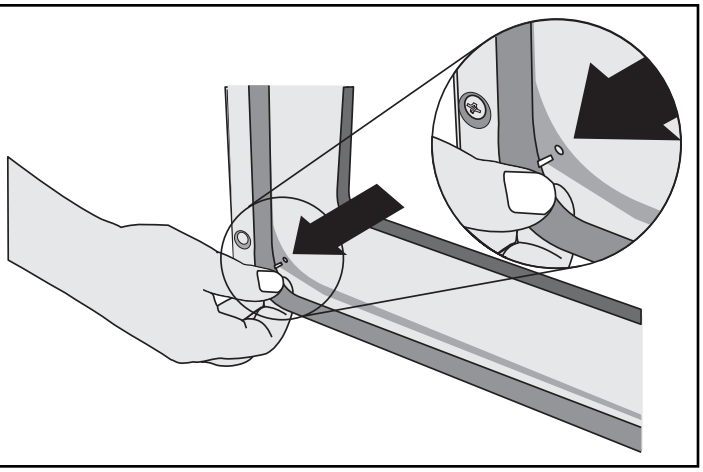


22 To Remove the Oven Door Seal

Open oven door. The seal is held in place by small hooks on the rear face. At the corner pull seal diagonally away from the door centre until that hook is released.

Proceed to the next hook and release it in a similar way, and so on. Use force if the hooks are stiff, as the old seal will be discarded.

When fitting new seal, position the seal join at the bottom. Hook the new seal in one of the corner holes of the door, and proceed round the door snapping in each hook in turn.

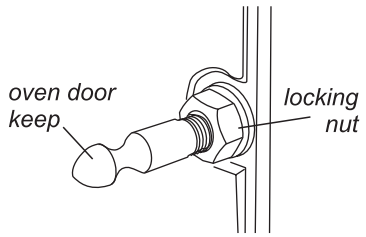


23 To Adjust the Oven Door Catch Keeper

Open the oven door and slacken the locknut at the keeper base.

Adjust the keeper inward or outward as required, until the desired door operation is obtained. Check the door seal with a strip of paper.

Re-tighten the locknut.



24 To Remove the Cooktop Spark Generator

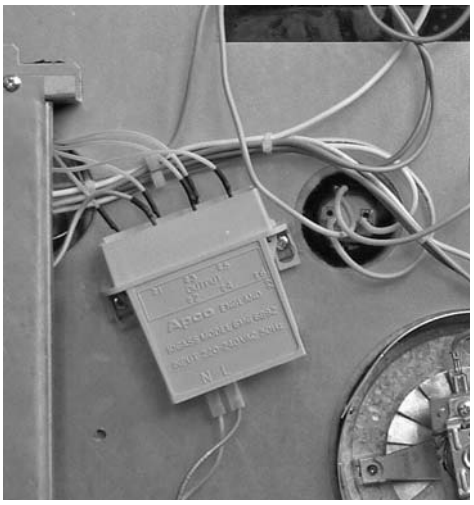
Pull the range forward to access the covers at the rear of the range; see the section 'How To Move the Range for Servicing'.

From the rear remove the right hand (when viewed from the rear) rear cover and disconnect all the leads at the generator. Fit the leads to the new generator

Undo the fixings that secure the spark generator and remove the device and fit the new one.

Re-assemble in reverse order.

Check that the ignition works correctly



25 To Remove the Cooktop Electrode Leads

Pull the range forward to access the covers at the rear of the range, see the section 'How To Move the Range for Servicing'.

Remove the cooktop grates, cooktop accessories and burner heads.

Lift up the front of the cooktop top and prop it up.

From the rear remove the right hand (when viewed from the rear) rear cover and disconnect all ignition electrode leads at the generator.

Disconnect the leads at the electrodes. Pull the bundle of electrode HT leads up through the rear upright.

Place the new leads in the rear upright. Re-connect the leads at the generator and burner electrodes.

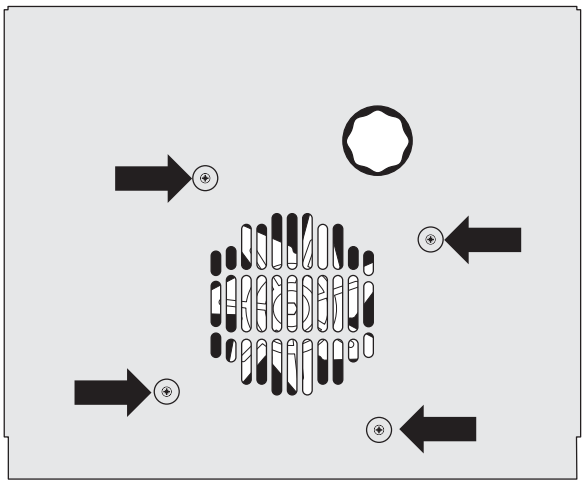
Re-assemble in reverse order and check ignition.

26 To Remove Oven Inner Back

Open the oven door. For the left hand oven unscrew the 2 thermostat phial fixing screws.

Remove the fixings that secure the inner back to the oven rear. Lift the removable panel away.

Re-assemble in reverse order. Ensure that the retaining fixings are fully tightened.



27 To Replace an Oven Fan

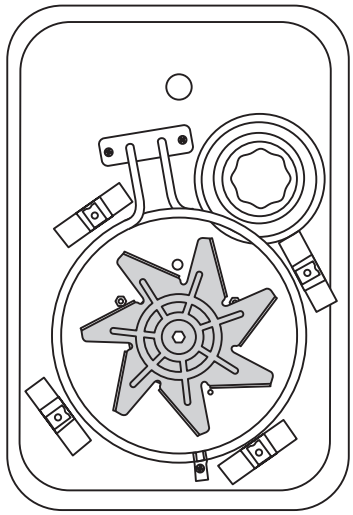
Pull the range forward to access the cover boxes at the rear of the range, see the section 'How To Move the Range for Servicing'.

Remove the fixings that secure the cover and lift it clear. Remove the fan wiring, noting the connection positions. Remove the inner back as detailed in Section 26.

Hold the fan blades and undo the centre nut (left hand thread), brass washers, fan blade and Circlip.

Undo the fixings that retain the fan and remove it from the cavity rear.

Fit the replacement and re-assemble parts in reverse order. Check that the oven operates satisfactorily.

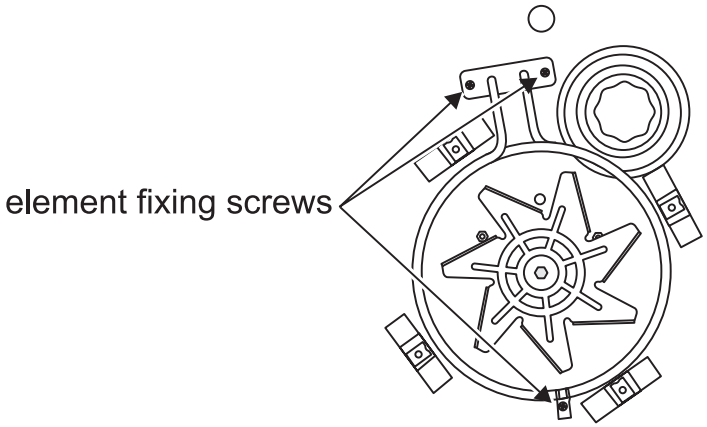


28 To Remove an Oven fan Element

Remove the oven inner back as detailed in Section 26.

Remove the fixings that secure the element within the oven and lift the element away carefully.

Disconnect the leads and connect to the replacement element and re-assemble parts in reverse order.



29 To Remove the Left Hand Multifunction Oven Bottom and Top Elements

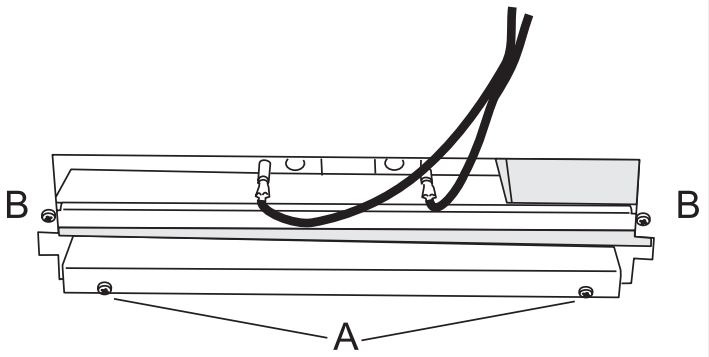
Bottom Element

Pull the range forward to access the rear of the range, see the section 'How To Move the Range for Servicing'. Remove the fixings that secure the right hand (when viewed from the rear) cover and lift it clear.

Remove the 2 screws 'A' and allow the plate to drop down. Remove the 2 screws B, lower the upper plate and remove through the slot in the range back.

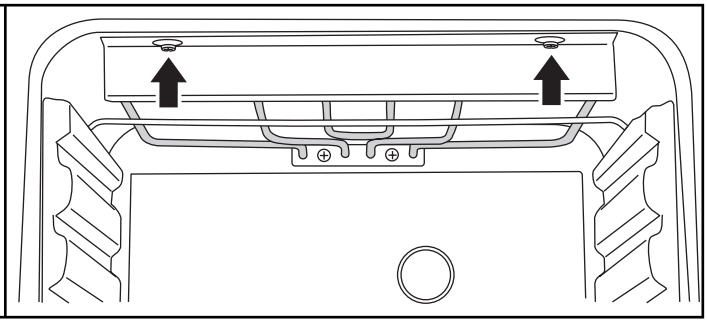
Undo the terminal connections, noting their positions.

Remove the element fixings and withdraw element. Replace the element and re-assemble parts in reverse order.



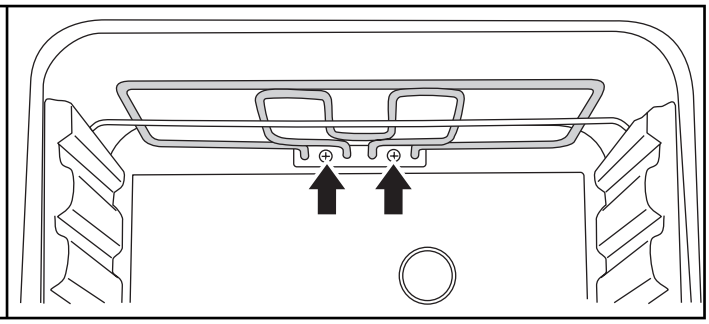
Top Element

Open the left hand oven door and undo the fixings that secure the heat shield and remove the shield.



Remove the top element bracket fixings and withdraw element.

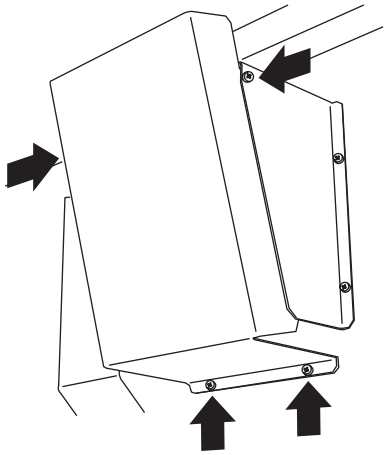
Replace the element and re-assemble parts in reverse order. Check that the oven operates satisfactorily.



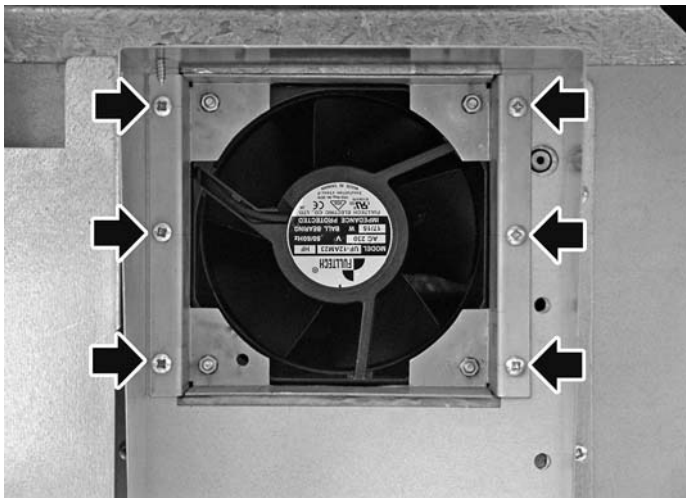
30 To change the Cooling fan

Pull the range forward to access the rear of the range, see the section 'How To Move the Range for Servicing'.

Remove the cooling fan cover (4 screws)



Remove the 6 screws holding the fan mounting bracket to the range back.



Pull the fan and mounting bracket out and disconnect the wiring.

Remove the old fan from the mounting bracket (4 screws).

Fit the new fan to the mounting bracket and reassemble the in reverse order.

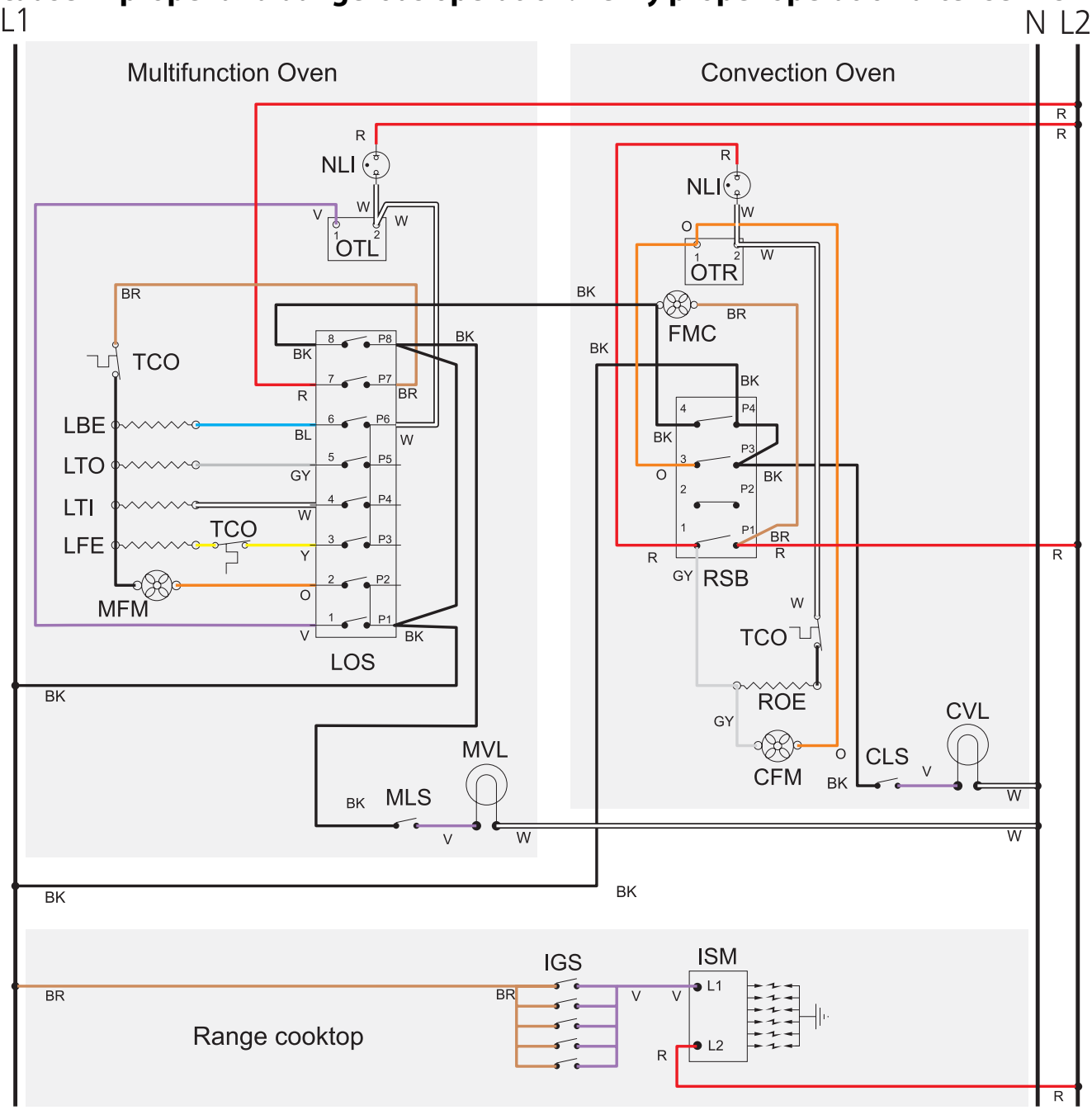
Check for correct fan operation.

SERVICING - WARNING - WORK SAFELY

Where necessary disconnect from electricity and gas before starting.
Check range is safe when you have finished.

Schematic diagram of the Range

Caution: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.



Code	Description	Code	Description
CFM	Cooling fan motor	OFM	Oven fan motor
IGS	Ignition switches	OLS	Oven light switch
ISG	Ignition spark generator	OTL	Left hand oven thermostat
LBE	Left hand bottom element	OTR	Right hand oven thermostat
LFE	Left hand fan element	OVL	Oven light bulb
LTI	Left hand top inner element	ROE	Right hand oven element
LTO	Left hand top outer element	RSB	Right hand oven switch block
LOS	Left hand oven switch block	TCO	Thermal cut out
NLI	Neon indicator light		

Code	Color
BK	Black
BL	Blue
BR	Brown
GY	Grey
O	Orange
R	Red
V	Violet
W	White
Y	Yellow

SERVICING - WARNING - WORK SAFELY

Where necessary disconnect from electricity and gas before starting.
Check range is safe when you have finished.

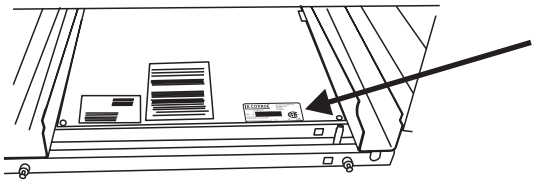
Technical Data

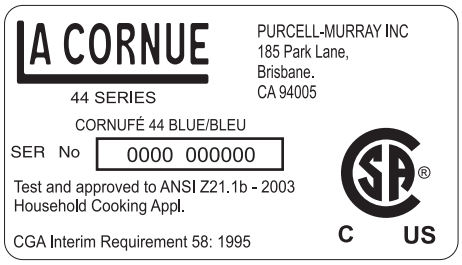
This range is supplied set for Natural gas.

A conversion kit from Natural Gas to Propane gas is included.

INSTALLER: Please leave these instructions with the User.

DATA BADGE LOCATION: Inside base of drawer cavity - remove drawer. For removal of drawer see installation instructions.





Country of Destination: USA/Canada

Gas		Electric
Natural Gas	4.0" W.C (10 mbar)	240V 60Hz
Propane	10.0" W.C (25 mbar)	

(See appliance data badge for test pressures)

Dimensions

Overall height	minimum 35 13/16" (91 cm) maximum 36 7/8" (93.7 cm)
Overall width	43" (109.2cm) See 'Positioning the Range'
Overall depth	28 5/8" (72 .5cm).
Space for fixing	See 'Positioning the Range'
Minimum space above cooktop	31.5" (80cm)

Connections

Gas :	Electric:
½" NPT at rear right-hand side	240 V 60 Hz

Ratings

Cooktop

	Natural Gas			Propane Gas		
	Input	Orifice	Screw	Input	Orifice	Screw
Center burner	17,500 Btu/hr	205	82	17,500 Btu/hr	118	49
Large Burners	12,000 Btu/hr	150	70	12,000 Btu/hr	99	38
Right hand front Burner	6,000 Btu/hr	112	53	6,000 Btu/hr	68	31

Gas burner inputs based on Gross Calorific Value

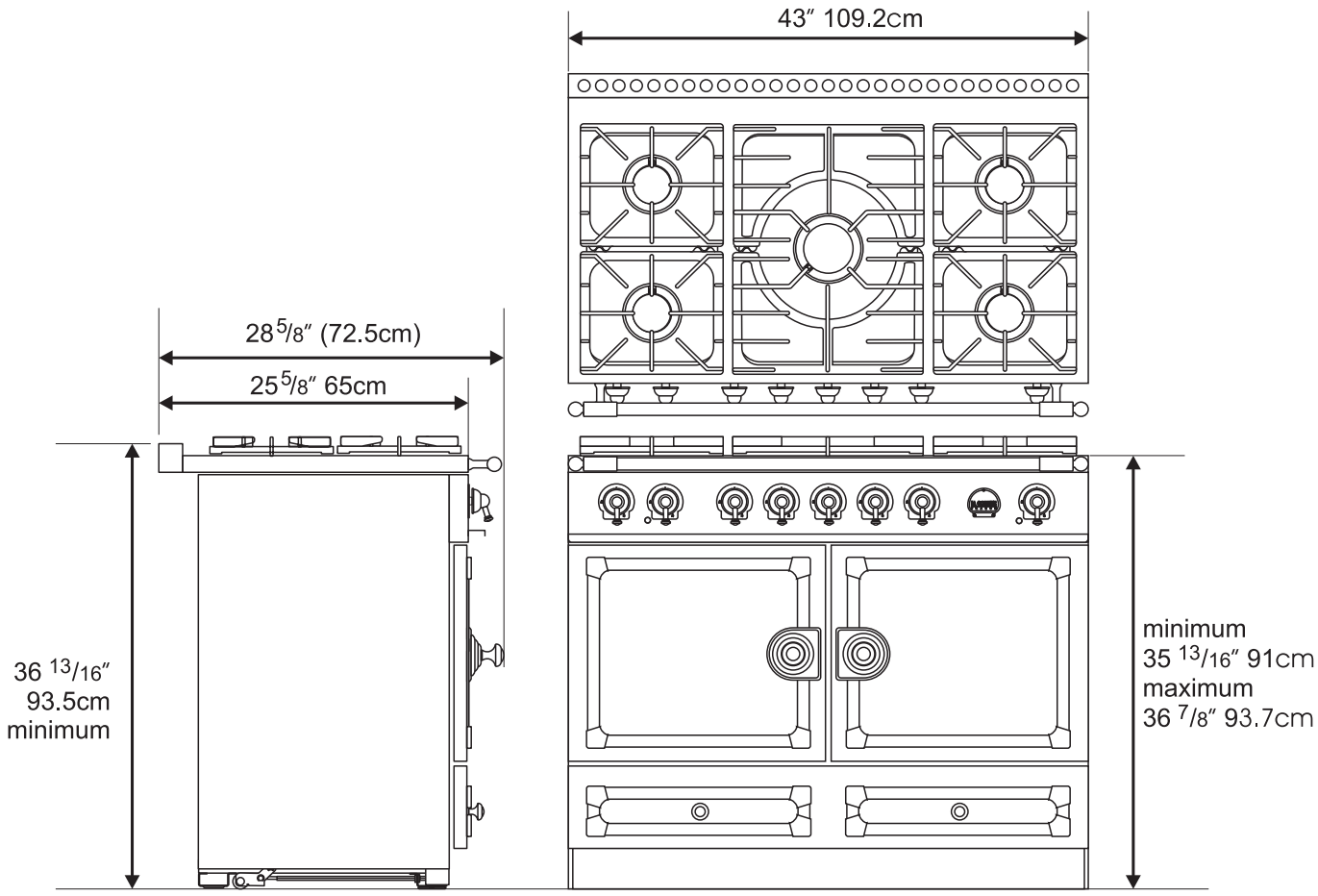
SERVICING - WARNING - WORK SAFELY

Where necessary disconnect from electricity and gas before starting.
Check range is safe when you have finished.

Ovens	Left hand Multifunction Oven	Right hand Convection Oven
Fan element	2500W	2500W
Top element	1200W	
Browning Element	1150W	
Bottom element	1000W	

Maximum total electrical load at 240V

5100 W (approximate total including oven lights, oven fan etc.)



La Cornue 1908

Ateliers La Cornue
14 bis rue du Bois du Pont
Z.I. les Béthunes
95310 Saint-Ouen l'Aumône
FRANCE
Tél. : + 33 (0)1 34 48 36 36 - Fax : + 33 (0)1 34 64 32 65
E-mail : a.table@la-cornue.com

www.la-cornue.com

Exclusively distributed in North America by

PURCELL MURRAY

185 Park Lane
Brisbane, CA94005
Ph: 800-892-4040
www.purcellmurray.com